

Converting Colors

XYZ(16.0959, 21.6728, 53.8921)

Have a look what the booklet for
XYZ(16.0959, 21.6728, 53.8921)
contains.

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Color

**XYZ(19.4481, 23.4952,
53.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	008FC1
RGB	0, 143, 193
RGB Percent	0%, 56%, 76%
CMY	0.9998, 0.4392, 0.2431
CMYK	1.00, 0.26, 0.00, 0.24
HSL	196°, 100%, 38%
HSV	196°, 100%, 76%
XYZ	19.4481, 23.4952, 53.9621
YIQ	105.9430, -101.2780, -14.7660

Conversions

Conversions Part 2

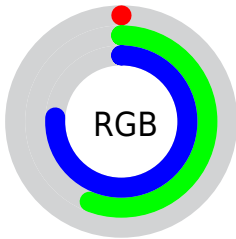
Format	Color
RYB	0, 82, 193
Decimal	36801
CIELab	55.58, -13.90, -34.86
CIELCh	56, 37.528, 248.268
Yxy	23.4952, 0.2007, 0.2425
Android (android.graphics.Color)	4278226881 (0xFF008FC1)
YUV	105.9430, 42.9191, -92.9120
Hunter-Lab	48.4718, -13.2071, -32.0753

Details

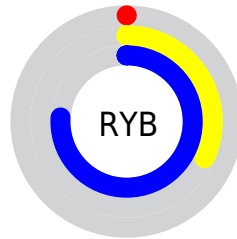
The XYZ color **19.4481, 23.4952, 53.9621** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **23.1350, 13.6221, 1.4111**, and the grayscale version is **13.5936, 14.3015, 15.5744**.

A 20% lighter version of the original color is **42.1513, 49.3760, 97.7514**, and **8.5746, 9.6928, 25.8451** is the 20% darker color. If you saturate the color by 10%, you get **19.4469, 23.4927, 53.9622**, and if you desaturate by 10%, it is **20.4913, 25.1728, 54.2314**.

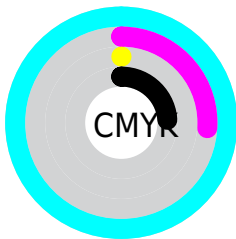
Distribution



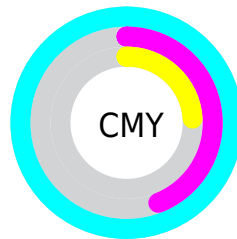
- Red (0%)
- Green (56%)
- Blue (76%)



- Red (0%)
- Yellow (32%)
- Blue (76%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4481, 23.4952, 53.9621 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.4481, 23.4952, 53.9621 by changing the saturation by 10% instead.

■ 19.4481, 23.4952,
53.9621

■ 19.4481, 23.4952,
53.9621

241.8024,
270.2583, 419.1360

■ 12.1004, 14.9596,
38.1784

■ 42.0010, 49.2052,
97.4744

■ 6.8848, 8.7910,
25.8183

■ 57.9369, 67.1483,
126.0401

■ 3.4358, 4.6051,
16.4632

■ 77.4662, 88.9961,
159.7036

■ 1.3882, 2.0175,
9.6946

■ 100.9544,
115.1329, 198.8833

■ 0.2478, 0.6176,
5.0940

■ 128.7668,
145.9432, 243.9979

■ 0.0000, 0.0000,
2.2428

■ 161.2686,

■ 0.0000, 0.0000,

181.8112, 295.4659

0.6989

198.8254,
223.1215, 353.7057

■ 0.0000, 0.0000,
0.0000

■ 19.4481, 23.4952,
53.9621

■ 19.4481, 23.4952,
53.9621

■ 19.4469, 23.4927,
53.9622

■ 20.4913, 25.1728,
54.2314

■ 21.8407, 27.0583,
54.5242

■ 23.5948, 29.2033,
54.8458

■ 25.8038, 31.6344,
55.1986

■ 28.5104, 34.3741,
55.5848

■ 31.7519, 37.4423,
56.0062

■ 35.5619, 40.8569,
56.4644

■ 39.9714, 44.6343,
56.9612

■ 45.0088, 48.7899,
57.4978

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.5251, 23.4952, 42.9297



19.4481, 23.4952, 53.9621



23.5240, 23.4952, 56.3249

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.4481, 23.4952, 53.9621



31.4054, 23.4952, 22.3707



17.6551, 23.4952, 11.2856

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.4481, 23.4952, 53.9621



23.1350, 13.6221, 1.4111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.1800, 23.4952, 8.7398



19.4481, 23.4952, 53.9621



29.3598, 23.4952, 13.6794

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.4481, 23.4952, 53.9621



30.7888, 23.4952, 35.2328



25.4866, 23.4952, 9.4503



15.5848, 23.4952, 17.8776

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.4481, 23.4952, 53.9621



26.4174, 23.4952, 52.1334



25.4866, 23.4952, 9.4503



18.6902, 23.4952, 10.0412

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.4489, 23.4960, 53.9627



63.3321, 72.8596, 101.0857



19.6099, 38.3563, 9.1966



12.9421, 15.0596, 21.6100



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.4489, 23.4960, 53.9627



34.6194, 41.6555, 96.5760



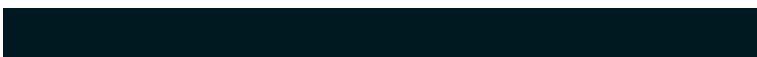
10.6946, 5.9874, 51.0446



10.1405, 10.9724, 12.8682



13.0018, 15.7601, 35.9133



0.6149, 0.7873, 1.5694

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.9510, 13.3216, 27.1381



48.1610, 23.8145, 48.0388



32.0816, 31.5153, 4.3933



10.3822, 10.2015, 12.1034



17.9587, 8.8732, 18.2263



0.8028, 0.3941, 0.9288

Previews

White Background



This preview shows how the XYZ color 19.4481, 23.4952, 53.9621 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.4481, 23.4952, 53.9621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

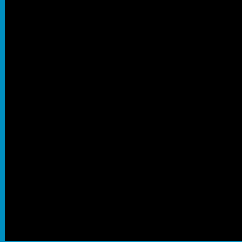
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4481, 23.4952, 53.9621

Background



This preview shows how black text looks on a background with the XYZ color 19.4481, 23.4952, 53.9621.

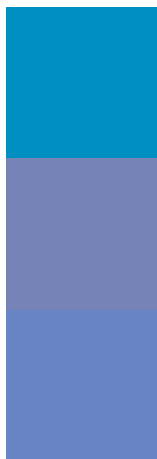


This preview shows how white text looks on a background with the XYZ color 19.4481, 23.4952,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.4481, 23.4952, 53.9621

Protanopia

23.9997, 23.4334, 48.0579

Deuteranopia

24.0408, 23.4913, 55.4917



Tritanopia

16.6917, 23.3706, 36.4321

Trichromacy



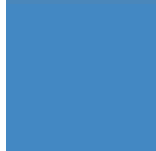
Original Color

19.4481, 23.4952, 53.9621



Protanomaly

20.4577, 22.3716, 50.2536



Deuteranomaly

20.9692, 22.7417, 54.9142



Tritanomaly

17.6296, 23.4980, 42.1345

Monochromacy



Original Color

19.4481, 23.4952, 53.9621



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

13.4990, 16.2219, 26.4644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4481, 23.4952, 53.9621 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 19.4481, 23.4952, 53.9621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 143, 193) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 143, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 143, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4481, 23.4952, 53.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 143,  
193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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